10/525872 DT06 2'd PGT/PTO 2 5 FEB 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Seiji HIROWATARI, et al.

Group Art Unit

(Unassigned)

Application No.

(Natl. Phase of PCT/JP2004/008185)

Examiner

(Unassigned)

Filed

(Herewith)

Docket No.

960/172

For

APPARATUS FOR CONTROLLING VALVE

ACTUATION IN INTERNAL COMBUSTION ENGINE

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
Customer Service Window
Randolph Bldg.
401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

1. This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.

2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a final action, Notice of Allowance, or any action that otherwise closes prosecution.
☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
□ c. Please debit Deposit Account No. <u>11-0600</u> in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. 37 CFR §1.97(c)(2).
□ 3. This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance or an action that otherwise closes prosecution, but before payment of the Issue Fee. Applicant(s) hereby request(s) that the Information Disclosure Statement be considered. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
\square 4. Relevance of the non-English language reference(s) is discussed in the present specification.
☐ 5. The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

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☐ 6. A concise explanation of the relevance of the non-English language reference(s) appears in the Appendix attached hereto.					
Application No. technical subjectorstrued as a present application.	he Examiner's attention is directed to continuous. The identification of this U.S waiver of secrecy as to that application ation as a patent. The Examiner is respectation and the art cited therein during examiner.	, which is directed to related . Patent Application is not to be now or upon issuance of the ectfully requested to consider			
the attached Alidentification of secrecy as to the patent. The	8. This application is one of a series of related applications, identified in the attached Appendix, which are directed to related technical subject matter. The identification of those U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during the examination.				
☐9. The reference(s) was/were cited by or submitted to the Office in parent application No filed, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).					
☑ 10. Ereferences.					
☑ 11. N	11. No copies of U.S. references are required.				
☑ 12. Other: JP 11-218035 is described in the specification. The remaining references were cited in the International Search Report, a copy of which is enclosed.					
		Respectfully submitted,			
Date: 24 Febr	ENYON	John C. Altmiller Reg. No. 25,951			
1500 K Street.	NW				

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Washington, D.C. 20005

Telephone: (202) 220-4200 Facsimile: (202) 220-4201

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Approved for U.S. Patent and Trademark C

through 07/31/2006. OMB 0651-0031 FEB 2005
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Substitute for form 1449A/PTO		Complete if Known
INFORMATION DISCLOSURE	Application Number	(Natl. Phase of PCT/JP2004/008185)
INFORMATION DISCLOSURE	Filing Date	(Herewith)
STATEMENT BY APPLICANT	First Named Inventor	Seiji HIROWATARI
	Art Unit	(Unassigned)
(Use as many sheets as necessary)	Examiner Name	(Unassigned)
Sheet 1 of 1	Attorney Docket Number	960/172

	U.S. PATENT DOCUMENTS					
Examiner Cite Initials * No.1	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
	No.1	Number - Kind Code ² (if known)			Passages or Relevant Figures Appear	
	1	US-6,109,225	08/29/00		· ·	
	2	US-2001-042529	11/2/01			
	3	US-2003/070637	04/17/03			
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	FOREIGN PATENT DOCUMENTS					
Examiner Cite Initials* No.	Cito	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,	
	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)		Date	Date Applic	Applicant of Cited Document
	1	JP 11-218035	08/10/99	TOYOTA MOTOR CORP		
	2	DE 103 18 197A1	11/20/03	TOYOTA JIDOSHA KK		
	3	EP 0 737 799 A1	10/16/96	TOYOTA JIDOSHA KK		
	4	EP 1 104 844 A2	06/06/01	NISSAN MOTOR CO LTD		

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.